

PRODUCT FAMILY DATASHEET

HALOPIN PRO

Halogen lamps with G9 base



AREAS OF APPLICATION

- General illumination
- Workplace lighting
- Lighting for reading
- Dining table lighting
- Mirror lighting
- Accent lighting
- Mood lighting

PRODUCT BENEFITS

- Brilliant accent lighting
- Incredibly small dimensions for revolutionary new luminaire designs
- Robust filament design thanks to innovative, unique bulb pinch technology
- Approved for use in open luminaires (to IEC 60598-1)
- UV filter
- Complies with IEC 60432-2 thanks to integrated fuse function
- Lower thermal output (compared with the standard reference product)
- The lamp shuts down reliably
- Contains no mercury

PRODUCT FEATURES

- Average life: 2,000 h
- Dimmable
- Color rendering index R_a : 100

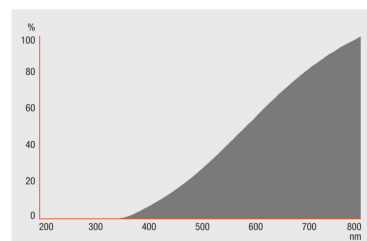
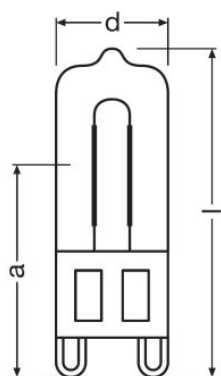
TECHNICAL DATA

Product description	Electrical data				Photometrical data						
	Nominal wattage	Nominal voltage	Rated wattage	Power factor λ	Nominal luminous flux	Color temperature	Light color (designation)	Rated luminous flux	Color rendering index Ra	Lumen main.fact.at end of nom.life time	Color temperature
HALOPIN PRO 20 W 230 V G9	20.00 W	230.0 V	20.00 W	1.00	235 lm	2700 K	Warm White	235 lm	100	0.80	2700 K
HALOPIN PRO 20 W 240 V G9	20.00 W	240.0 V	20.00 W	1.00	235 lm	2700 K	Warm White	235 lm	100	0.80	2700 K
HALOPIN PRO 33 W 230 V G9	33.00 W	230.0 V	33.00 W		460 lm	2700 K	Warm White	460 lm	100		2700 K
HALOPIN PRO 33 W 240 V G9	33.00 W	240 V	33.00 W	1.00	460 lm	2700 K	Warm White	460 lm	100	0.80	2700 K
HALOPIN PRO 48 W 230 V G9	48.00 W	230 V	48.00 W	1.00	740 lm	2800 K	Warm White	740 lm	100	0.80	2800 K
HALOPIN PRO 48 W 230 V G9	48.00 W	240 V	48.00 W	1.00	740 lm	2800 K	Warm White	740 lm	100	0.80	2800 K
HALOPIN PRO 60 W 230 V G9	60.00 W	230 V	60.00 W	1.00	980 lm	2800 K	Warm White	980 lm	100	0.80	2800 K
HALOPIN PRO 60 W 240 V G9	60.00 W	240 V	60.00 W	1.00	980 lm	2800 K	Warm White	980 lm	100	0.80	2800 K

Product description	Luminous flux	Color rendering index Ra	Light technical data		Dimensions & weight		Lifespan			Additional product data	
			Starting time	Warm-up time (60 %)	Diameter	Light center length (LCL)	Nominal lamp life time	Rated lamp life time	Number of switching cycles	Base (standard designation)	Mercury content
HALOPIN PRO 20 W 230 V G9	235 lm	100	0.0 s	0.00 s	14.0 mm	22.0 mm	2000 h	2000 h	50000	G9	0.0 mg
HALOPIN PRO 20 W 240 V G9	235 lm	100	0.0 s	0.00 s	14.0 mm	22.0 mm	2000 h	2000 h	50000	G9	0.0 mg
HALOPIN PRO 33 W 230 V G9	460 lm	100	0.0 s		14.0 mm	22.0 mm	2000 h	2000 h	50000	G9	0.0 mg
HALOPIN PRO 33 W 240 V G9	460 lm	100	0.0 s		14.0 mm	22.0 mm	2000 h	2000 h	50000	G9	0.0 mg
HALOPIN PRO 48 W 230 V G9	740 lm	100	0.0 s	0.00 s	14.0 mm	22.0 mm	2000 h	2000 h	50000	G9	0.0 mg
HALOPIN PRO 48 W 230 V G9	740 lm	100	0.0 s	0.00 s	14.0 mm	22.0 mm	2000 h	2000 h	50000	G9	0.0 mg
HALOPIN PRO 60 W 230 V G9	980 lm	100	0.0 s	0.00 s	14.0 mm	22.0 mm	2000 h	2000 h	50000	G9	0.0 mg
HALOPIN PRO 60 W 240 V G9	980 lm	100	0.0 s	0.00 s	14.0 mm	22.0 mm	2000 h	2000 h	50000	G9	0.0 mg

Product description	Mercury-free	Capabilities		Certificates & standards	Country-specific categorizations
		Burning position	Dimmable	Energy consumption	ILCOS
HALOPIN PRO 20 W 230 V G9	Yes	Any	Yes	20 kWh/1000h	HSGST/C/UB-20-230-G9-22
HALOPIN PRO 20 W 240 V G9	Yes	Any	Yes	20 kWh/1000h	HSGST/C/UB-20-240-G9-22

Product description	Mercury-free	Capabilities		Certificates & standards	Country-specific categorizations
		Burning position	Dimmable	Energy consumption	ILCOS
HALOPIN PRO 33 W 230 V G9	Yes	Any	Yes	33 kWh/1000h	HSGST/C/UB-33-230-G9-22
HALOPIN PRO 33 W 240 V G9	Yes	Any	Yes	33 kWh/1000h	HSGST/C/UB-33-240-G9-22
HALOPIN PRO 48 W 230 V G9	Yes	Any	Yes	48 kWh/1000h	HSGST/C/UB-48-230-G9-22
HALOPIN PRO 48 W 230 V G9	Yes	Any	Yes	48 kWh/1000h	HSGST/C/UB-48-240-G9-22
HALOPIN PRO 60 W 230 V G9	Yes	Any	Yes	60 kWh/1000h	HSGST/C/UB-60-230-G9-22
HALOPIN PRO 60 W 240 V G9	Yes	Any	Yes	60 kWh/1000h	HSGST/C/UB-60-240-G9-22



HALOPIN PRO 20 W 230 V G9, HALOPIN PRO 20 W 240 V G9, HALOPIN PRO 33 W 230 V G9, HALOPIN PRO 33 W 240 V G9, HALOPIN PRO 48 W 230 V G9, HALOPIN PRO 48 W 230 V G9, HALOPIN PRO 60 W 230 V G9, HALOPIN PRO 60 W 240 V G9

HALOPIN PRO 20 W 230 V G9, HALOPIN PRO 20 W 240 V G9, HALOPIN PRO 33 W 230 V G9, HALOPIN PRO 33 W 240 V G9, HALOPIN PRO 48 W 230 V G9, HALOPIN PRO 48 W 230 V G9, HALOPIN PRO 60 W 230 V G9, HALOPIN PRO 60 W 240 V G9

APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321945280	Shipping carton box 20	144 mm x 55 mm x 118 mm	126.00 g	0.93 dm ³
4052899262560	Shipping carton box 200	485 mm x 137 mm x 154 mm	954.00 g	10.23 dm ³
4008321945563	Shipping carton box 20	144 mm x 55 mm x 118 mm	141.80 g	0.93 dm ³
4008321208675	Shipping carton box 20	144 mm x 64 mm x 118 mm	136.00 g	1.09 dm ³
4052899262546	Shipping carton box 200	485 mm x 137 mm x 154 mm	954.00 g	10.23 dm ³
4008321226358	Shipping carton box 20	144 mm x 70 mm x 106 mm	128.00 g	1.07 dm ³
4008321945341	Shipping carton box 20	144 mm x 55 mm x 118 mm	132.00 g	0.93 dm ³
4008321945624	Shipping carton box 20	144 mm x 55 mm x 118 mm	145.33 g	0.93 dm ³
4008321945389	Shipping carton box 20	144 mm x 55 mm x 118 mm	127.00 g	0.93 dm ³
4008321945662	Shipping carton box 20	144 mm x 55 mm x 118 mm	132.00 g	0.93 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.